

**Alfred M. Walker, P.C.****Attorney at Law**Admitted to New York State Bar  
and the United States Patent Office

June 27, 2000

Commissioner of Patents  
Washington DC 20231

Applicant: Wilhelm  
 Serial No.: 08/820,496 (CPA)  
 For: HIGH EFFICIENCY LIGHTING SYSTEM  
 Examiner: F. Fleming  
 Group Art Unit: 2836  
 Filed: March 17, 1997  
 Office Action: January 27, 2000

Dear Sir:

Enclosed please find Amendment, Substitute Specification,  
 Marked Up Substitute Specification, Exhibits, new drawing  
 Figures 12-16 and copies of US patent nos. 5,500,561 and 5,786,642.

Applicant requests a two month extension from April 27, 2000 to  
 June 27, 2000 in which to respond to the Office Action of January 27,  
 2000. A \$190 check is enclosed. Please deduct any deficiencies  
 from Applicant's Attorney's Deposit Account No. 23-0120.

Respectfully submitted,

A handwritten signature of Alfred Walker in cursive script.

Alfred Walker

Certificate of Mailing

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 Patents, Washington, DC 20231 on the date indicated below.

June 27, 2000

A handwritten signature of Alfred Walker in cursive script.

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June 27, 2000

Commissioner of Patents  
Washington, D.C. 20231

APPLICANT:	William G. Wilhelm
SERIAL NO.:	08/820,496
FILED:	October 12, 1999
EXAMINER:	J. Kaplan
GROUP ART UNIT:	2836
TITLE:	HIGH EFFICIENCY LIGHTING SYSTEM
OFFICE ACTION:	1/27/00

Dear Sir:

Enclosed please find Statement as to New Matter, which was inadvertently left out of the Express Mail package with the Amendment filed today.

Please acknowledge receipt on the enclosed postcard.

Respectfully submitted,

Alfred M. Walker  
Reg. No. 29,983

PAT27

I certify that this correspondence is being deposited with the United States Postal Service as Express Mail No.: **ELX66 5304729** in an envelope addressed to the Commissioner of Patents, Washington, D.C. 20231 on the date indicated below.

Date: June 27, 2000

  
Alfred Walker

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Continuing Prosecution Application (CPA):

APPLICANT: William G. Wilhelm  
SERIAL NO.: 08/820,496  
FILED: October 12, 1999  
EXAMINER: J. Kaplan  
GROUP ART UNIT: 2836  
TITLE: HIGH EFFICIENCY LIGHTING SYSTEM  
OFFICE ACTION: 1/27/00

STATEMENT AS TO NEW MATTER

Commissioner of Patents  
Box CPA  
Washington DC 20231

Dear Sir:

In conjunction with the filing of the Amendment of today's date, Applicant's Attorney makes the following observations as to why the Claims do not constitute new matter.

The new material added to the specification in the substitute specification, as well as new drawing Figures 12-16, are both derived from either of Applicant's issued patent no. 5,500,561 or 5,786,642, which are the prior parent patent applications upon which the above application is based.

Proposed drawing Figures 12-16 are identical to selected drawing Figures either of Applicant's issued patent

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no. 5,500,561 or 5,786,642, with the exception that the reference numerals.

Since the above noted application filed under serial no. 08/820,496 incorporated by reference all of the material in the two prior parent patent applications, none of the transferred inserted material constitutes new matter.

Concerning the Claims, Figure 10 of the present application shows compatible DC loads at the power junction box, as well as at the junction at diodes 50 and 52 of Figure 3 of the parent application now US patent no. 5,500,561 as well also at junctions J1 and J2 of Figure 4 and the junction at A of Figure 2 of the prior patent no. 5,786,642. Figure 2 therein shows various DC sources and connecting circuitry thereto, including the secondary power connecting circuitry of Claim 50.

Concerning the storage battery and the alternative DC power source being an optional source of providing DC, Figure 4 of US patent no. 5,786,642 discloses "other DC sources."

The photovoltaic connection of the Claims is shown in Figures 5, 6 and 10 of the present application.

The co-generator assisted power system of the Claims is shown in the discussion of Figure 11 of the specification herein.

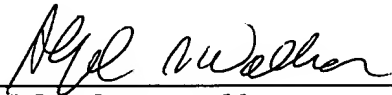
The fact that the power source may be AC or DC and that the secondary source is any DC source is disclosed in Figure

10 of the present application, as is the voltage regulation features of the Claims.

Furthermore, the inverter of the Claims is shown in Figure 2 of US patent no. 5,500,561 and Figure 3 of US patent no. 5,786,642.

Therefore, the substitute specification filed today supports the Claims without the addition of new matter.

Respectfully submitted,

  
Alfred M. Walker  
Attorney for Applicant  
Reg. No. 29,983


Dated: June 27, 2000

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Alfred Walker